

WHAT IS CLAIMED IS:

1. An image forming apparatus comprising:
image forming means for forming an image on a
recording material, wherein at least a part of the
5 image forming means is in the form of a unit which is
detachably mountable to a main assembly of the
apparatus, said apparatus comprising:
memory, wherein said memory is mounted to
said unit, wherein said memory stores information
10 relating to timing at which a driving parameter of
said image forming means.
2. An image forming apparatus according to
Claim 1, further comprising setting means for setting
15 the driving parameter in accordance with information
relating to a degree of use of said unit which is
renewed and the information relating to the timing.
3. An image forming apparatus according to
20 claim 2, wherein said image forming means includes a
photosensitive member, charging means for electrically
charging said photosensitive member, exposure means
for exposing said photosensitive member with light
modulated in accordance with an image signal,
25 developing means for developing a latent image formed
on said photosensitive member with toner into a toner
image, and transferring means for transferring the

toner image from said photosensitive member to a recording material, wherein said setting means controls at least one of a bias level applied to charging means, a current applied to said exposure means and a bias level applied to developing means.

4. An image forming apparatus according to Claim 2, wherein said image forming means includes a photosensitive member, charging means for electrically 10 charging said photosensitive member, exposure means for exposing said photosensitive member with light modulated in accordance with an image signal, developing means for developing a latent image formed on said photosensitive member with toner into a toner 15 image, and transferring means for transferring the toner image from said photosensitive member to a recording material, wherein the information relating to the degree of use is a value calculated from at least one or two of a driving time period of said 20 image forming means, a remaining amount of the toner, a number of outputted prints, a number of printed dots, exposure period of time and a thickness of a photosensitive layer of the photosensitive member.

25 5. An image forming apparatus according to claim 1, wherein the information relating to the timing relates to a predetermined degree of use of

said unit.

6. An image forming apparatus according to
Claim 1, wherein said memory stores a degree of use of
5 said unit which is renewed.

7. An image forming apparatus according to
Claim 1, wherein said memory further stores a
coefficient for calculating information relating to
10 the degree of use of said unit.

8. An image forming apparatus according to
Claim 1, wherein said memory further stores
information relating to a sensitivity of said
15 photosensitive member.

9. An image forming apparatus according to
Claim 8, further comprising setting means for setting
the driving parameter in accordance with the information
20 relating to a degree of use of said unit which is
renewed and the information relating to the timing
said setting means sets the driving parameter in
accordance with the information relating to the
sensitivity.

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10. An image forming apparatus according to
Claim 5, wherein said memory further stores history

information relating to whether or not the information relating to the degree of use of said unit which is renewed reaches the predetermined degree.

5 11. An image forming apparatus according to
Claim 1, further comprising second memory for storing
the information relating to the degree of use of said
unit which is renewed.

10 12. An image forming apparatus according to
Claim 1, wherein the memory of said unit stores ID
information of said unit.

15 13. An image forming apparatus according to
Claim 12, wherein the information relating to the
degree of use stored in said second memory is reset
when the ID information changes.

20 14. An image forming apparatus comprising:
image forming means for forming an image on a
recording material, wherein at least a part of said
image forming means is formed into a unit which is
detachably mountable to a main assembly of the
apparatus;

25 memory, wherein said memory is provided in
said unit, wherein said memory stores information for
setting a driving parameter for said image forming

means upon start of use of said unit.

15. An image forming apparatus according to
Claim 14, wherein said image forming means includes a
5 photosensitive member, and the information relates to
sensitivity of said photosensitive member.

16. A unit detachably mountable to an image
forming apparatus including image forming means for
10 forming an image on a recording material, said unit
comprising:

at least part of said image forming means;
a memory;
wherein said memory stores information
15 relating to timing for changing a driving parameter of
said image forming means.

17. A unit according to Claim 16, wherein
said memory stores a degree of use of said unit which
20 is renewed.

18. A unit according to Claim 17, wherein
said image forming means includes a photosensitive
member, charging means for electrically charging said
25 photosensitive member, exposure means for exposing
said photosensitive member with light modulated in
accordance with an image signal, developing means for

developing a latent image formed on said
photosensitive member with toner into a toner image,
and transferring means for transferring the toner
image from said photosensitive member to a recording
5 material, wherein the information relating to the
degree of use is a value calculated from at least one
or two of a driving time period of said image forming
means, a remaining amount of the toner, a number of
outputted prints, a number of printed dots, exposure
10 period of time and a thickness of a photosensitive
layer of the photosensitive member.

19. A unit according to Claim 17, wherein the
information relating to the timing relates to a
15 predetermined degree of use of said unit.

20. A unit according to Claim 16, wherein
said memory stores a coefficient for calculating a
degree of use of said unit.

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21. A unit according to Claim 16, wherein
said memory further stores information relating to a
sensitivity of said photosensitive member.

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22. A unit according to Claim 19, wherein
said memory further stores history information
relating to whether or not the information relating to

the degree of use of said unit which is renewed reaches the predetermined degree.

23. A unit according to Claim 16, wherein the
5 memory of said unit stores ID information of said
unit.

24. A unit according to Claim 16, wherein
said image forming means includes an image bearing
10 member, charging means for charging said image bearing
member, developing means for development a latent
image formed on the image bearing member and cleaning
means for cleaning said image bearing member.

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